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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/771,564	01/30/2001	Akihiro Furukawa	108478	9409
25944	7590	09/11/2006	EXAMINER	
OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320			MEHRPOUR, NAGHMEH	
			ART UNIT	PAPER NUMBER
			2617	

DATE MAILED: 09/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/771,564

Applicant(s)

FURUKAWA ET AL.

Examiner

Naghmeh Mehrpour

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24, 28-38 and 40-49 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 24, 28-38, 40-49 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/14/06 has been entered.

Information Disclosure Statement

2. The information disclosure statement filed reference listed in the information Disclosure Submitted on 04/24/06, 06/19/06 have been considered by the examiner (see attached PTO-1449

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 24, 28-33, 35-38, 40-45, 47-49**, are rejected under 35 U.S.C. 103(a) as being unpatentable over Chapman (US Patent Number 6,522,421 B1) in view of Stenman et al. (US Patent Number 6,223,029 B1) in further view of Fukuta (US Patent 6,173,338 B1).

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Regarding **claims 24, 38**, Chapman teaches a control method of controlling an image-forming device, comprising the steps of:

- a) receiving image information from an external device 11 (col 3 lines 29-35);
- b) storing the image information in a memory(col 3 lines 35-37); and
- c) receiving an instruction to print the image information (col 3 lines 33-37); and
- d) executing printing of the image information in accordance with the instruction (col 3 lines 60-67, col 4 lines 1-17);

a controller 19 that controls the printing unit to execute the printing (col 2 lines 55-67); Chapman fails to teaches **after storing the image information in the memory**, outputting to the cellular phone a signal indicating that the image information is stored in the memory, wherein the instruction is received from the cellular phone after the signal is outputted; executing printing of the print data from a cellular phone **after storing the image information in the memory**, outputting to the cellular phone a signal indicating that the image information is stored in the memory, wherein the instruction is received from the cellular phone after the signal is outputted.

However Stenman teaches **after storing the image information in the memory**, outputting to the cellular phone a signal indicating that the image information is stored in the memory, wherein the instruction is received from the cellular phone after the signal is outputted; executing printing of the print data from a cellular phone (col 6 lines 65-67, col 7 lines 1-24), a communication unit that transmits an instruction to the image forming device a cellular phone including a communication unit that transmits an instruction to the image forming device, wherein the controller controls the printing unit to execute the printing the instruction is

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transmitted from the cellular phone (col 6 lines 65-67 col 7 lines 1-24). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment. Chapman modified by Stenman fails to teach receiving an instruction to print the image information after storing the image information in the memory. However Fukuta teaches receiving an instruction to print the image information after storing the image information in the memory (col 7 lines 25-33, col 16 lines 55-67). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Fukuta with Stenman modified by Chapman, in order to provide an image output and for beginning to output the image data after an output condition has been designated.

Regarding **claims 28, 35, 40**, Chapman teaches a controlling method wherein the instruction is an email message transmitted in an e-mail format (col 3 lines 18-20). Chapman fails to teach a method wherein the instruction is received from the cellular phone. However Stenman teaches a method wherein the instruction is received from the cellular phone (col 6 lines 65-67, col 7 lines 1-24). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

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Regarding **claims 29, 41**, Chapman teaches a controlling method wherein the instruction is an email message transmitted in via a Web service (col 3 lines 43-53). Chapman fails to teach a method wherein the instruction is received from the cellular phone However Stenman teaches a method wherein the instruction is received from the cellular phone (col 6 lines 65-67, col 7 lines 1-24). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

Regarding **claims 30, 36, 42, 48**, Chapman teaches a controlling method wherein the image forming device has a URL (Internet address), and the instruction is transmitted to the image forming apparatus (col 3 lines 43-65). Chapman fails to teach a method wherein the instruction is received from the cellular phone. However Stenman teaches a method wherein the instruction is received from the cellular phone (col 6 lines 65-67, col 7 lines 1-24). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

Regarding **claims 31, 43**, Chapman fails to teach a controlling method wherein the instruction from the cellular phone is transmitted via an audio guidance. Chapman fails to teach a method wherein the instruction is received from the cellular phone However Stenman teaches a method wherein the instruction from the cellular phone is transmitted via an audio guidance (col 7 lines

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52-59). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

Regarding **claims 32, 44**, Chapman fails to teach a control method wherein the instruction from the cellular phone is transmitted in response to the audio guidance. Chapman fails to teach a method wherein the instruction from the cellular phone is transmitted in response to the audio guidance. However Stenman teaches a method wherein the instruction from the cellular phone is transmitted in response to the audio guidance (col 7 lines 52-59). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

Regarding **claims 33, 45**, Chapman teaches a controlling method/printing system comprising the steps of:

f) detecting an e-mail address from the image information stored in the memory (col 3 lines 33-37); and

g) sending an e-mail message to the designation of the detected e-mail address (col 3 lines 33-37), the e-mail message urging a user to transmit the instruction to the image forming device (col 3 lines 60-67, col 4 lines 1-18). Chapman fails to teach a method wherein the instruction is received from the cellular phone. However Stenman teaches a method wherein the

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instruction is received from the cellular phone (col 6 lines 65-67, col 7 lines 1-24). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

Regarding **claim 37**, Chapman teaches a control method wherein the URL includes a link to a page to instruct the execution of the printing, and the instruction is sent to image forming device has a URL (Internet address), and the instruction is transmitted to the image forming apparatus (col 3 lines 43-65).

d) executing printing of the image information in accordance with the instruction (col 3 lines 60-67, col 4 lines 1-17).

Chapman fails to c) executing printing of the print data from a cellular phone. However Stenman teaches c) executing printing of the print data from a cellular phone (col 6 lines 65-67, col 7 lines 1-24). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment

Regarding **claims 47, 49**, Chapman teaches a printing system method wherein the URL (Internet address) includes link to a page to instruct the printing (col 3 lines 33-56), and the instruction is sent to the image forming device by accessing the link (col 3 lines 57-67, col 4

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line 1). Chapman fails to teach a method wherein the instruction is received from the cellular phone. However Stenman teaches a method wherein the instruction is received from the cellular phone (col 6 lines 65-67, col 7 lines 1-24). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

4. **Claims 34, 46**, are rejected under 35 U.S.C. 103(a) as being unpatentable over Chapman (US Patent Number 6,522,421 B1) in view of Stenman et al. (US Patent Number 6,223,029 B1) and Fukuta (US Patent 6,173,338 B1) in further view of Peyser International publication WO 94/26059.

Regarding **claims 34, 46**, Chapman fails to teach a method wherein the instruction is received from the cellular phone. However Stenman teaches a method wherein the instruction is received from the cellular phone (col 6 lines 65-67, col 7 lines 1-24, col 15 lines 20-21). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Stenman with Chapman, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

Chapman modified by Stenman and Fukuta fails teaches a control method/printing system wherein the image information forming device determines whether the image information is

confidential and the printing is executed when the instruction including a predetermined code is transmitted from the cellular phone.

However Peyser teaches a control method/printing system wherein the image information forming device determines whether the image information is confidential and the printing is executed when the instruction including a predetermined code is transmitted from the cellular phone (page 6 lines 13-17, page 7 lines 21-25, page 8 lines 31-35, page 9 lines 5-16). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine above teaching of Peyser with Chapman modified by Stenman and Fukuta, in order to provide security to the user not only for sensitivity of the information but also the accessibility and location of the receiving equipment.

Response to Arguments

5. Applicant's arguments filed 04/24/06 have been fully considered but they are not persuasive.

In response to the applicant's argument that "*the art at the time of the invention would have had motivation to combine the teachings of Chapman and Stenman, the combination of Chapman and Stenman fails to disclose or suggest the combination of features recited in each of independent claim 24 and 38, including, iner alia, storing the image information in a memory and receiving an instruction to print the image information from a cellular phone, as recited in claim 24, and a memory in which the image information is stored and a cellular phone including a communication unit that transmits an instruction to the image forming device, wherein a controller controls the printing to execute the printing when the instruction is transmitted from*

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the cellular phone, as recited in claim 38 because neither Chapman or Stenman discloses or suggests independent steps of storing image information and instructing or executing printing thereof based on an instructing from a cellular phone”

The Examiner states that Stenman teaches the document files may also be formatted in TIFF, JPEG, or GIF as examples of image formats. The marking engine provides hard copy output of the information input from the various sources. The rasterized files may be stored in a multipage job buffer (JIB) (col 2 lines 47-52). *The printer that receives the file and starts interpreting the page description language. The printer detects this embedded email information and extracts the email addresses. A program (image information) stored in memory in the printer for detecting embedded email information is provided in the appendix (col 3 lines 32-37).* The controller may include a fax server that can serve plural fax modems on a Local Area Network (LAN), a wide area network (WAN) or other electronic mail (email) system such as telephone lines. When the data is input from the server 30 to the RIP, the RIP strips the embedded email address information and the RIP provides status information relative to raster image processing of the document such as PDL errors and outputs the email address and this status information to a message store agent in the printer. The message store agent also receives an output of the printer controller representing various information concerning the printing of the document job associated with that address. The message store agent combines the address and information relative to the finished job in a message store. The message is then output to a message transport agent which outputs the message via telephone lines or other communication link, which could be wireless to, for example, a fax server allowing the person who sent the file to be printed to receive the

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email message that the job is complete and the nature of the finishing operation col 3 lines 65-67, col 4 lines 1-17).

Conclusion

6. Any responses to this action should be mailed to:

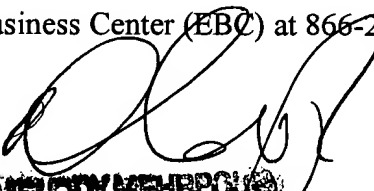
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naghmeh Mehrpour whose telephone number is 571-272-7913. The examiner can normally be reached on 8:00- 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro be reached (571) 272-7876.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).NM

September 5, 2006



MELODY MEHRCOUR
PATENT EXAMINER